DRAFTSMAN

Fig 1.

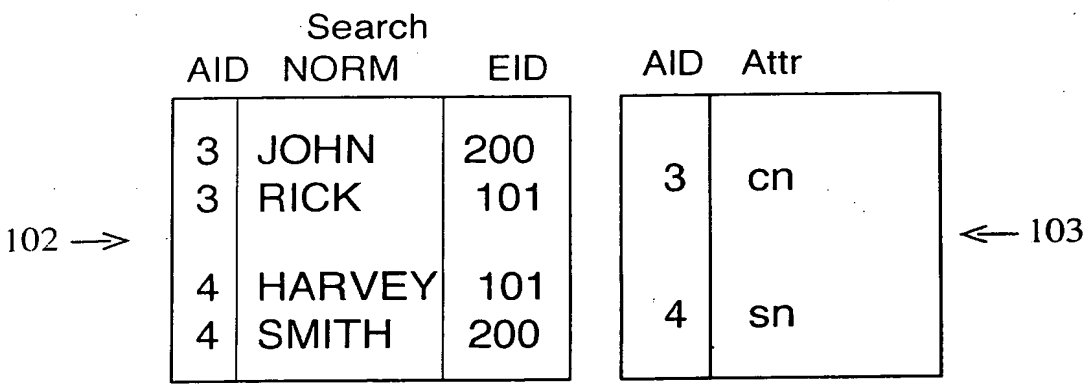


Figure 2

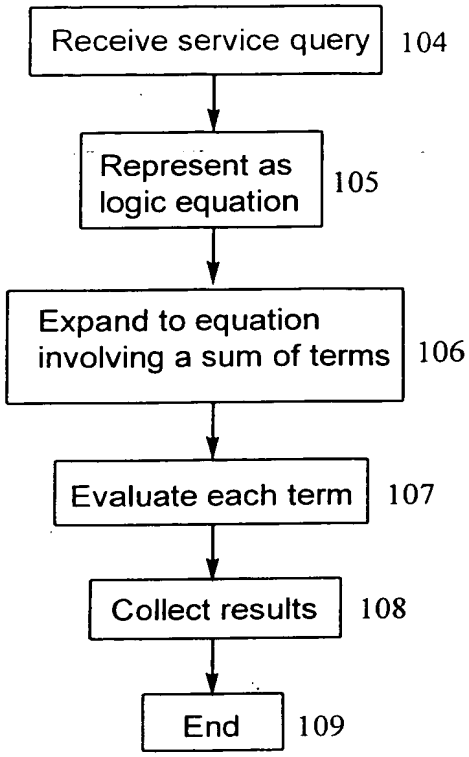

Receive service query
104
Represent as logic equation
105
Expand to equation involving a sum of terms
106
Evaluate each term
107
Collect results
108
End
109

Figure 2a

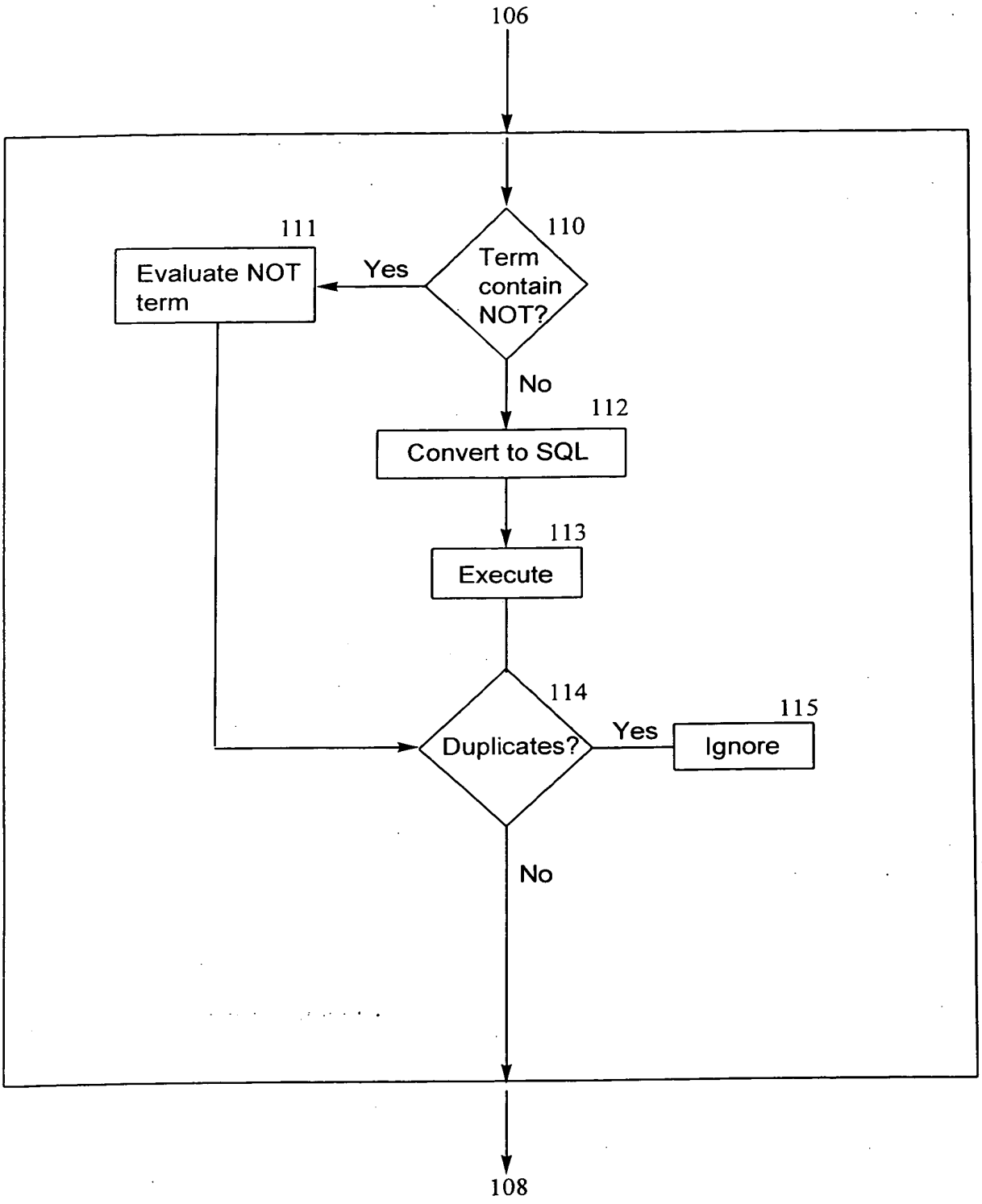
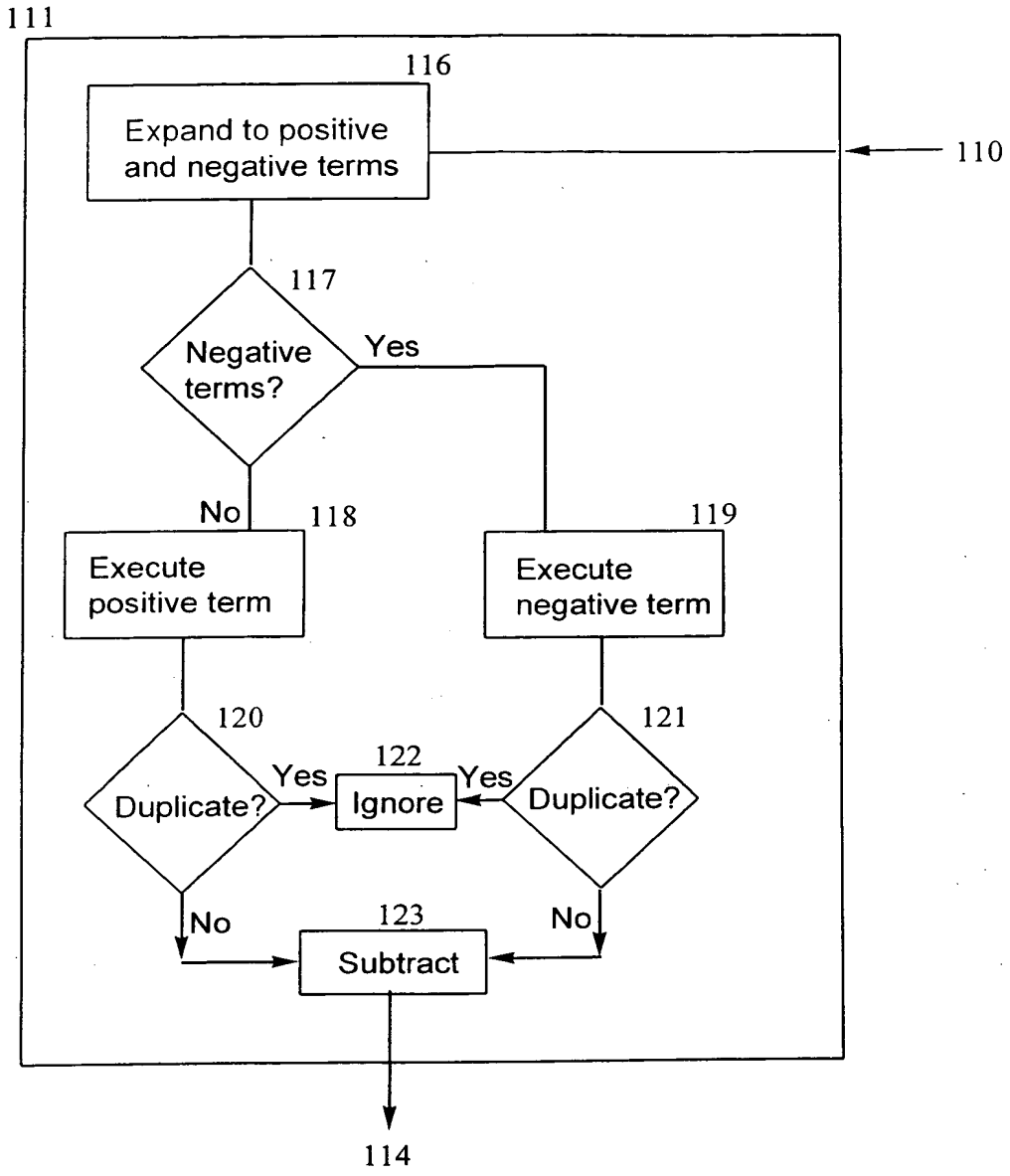

106
111
110
Evaluate NOT term
Yes
Term contain NOT?
No
112
Convert to SQL
113
Execute
114
115
Duplicates?
Yes
Ignore
No
108

Figure 2b


111
116
Expand to positive and negative terms
110
117
Negative terms?
Yes
No
118
119
Execute positive term
Execute negative term
120
121
122
Duplicate?
Yes
Ignore
Yes
Duplicate?
No
123
No
Subtract
114

APPROVED BY DRAFTSMAN

0 5 0 4 0 0 0 0 - 4 4 0 5 0 5

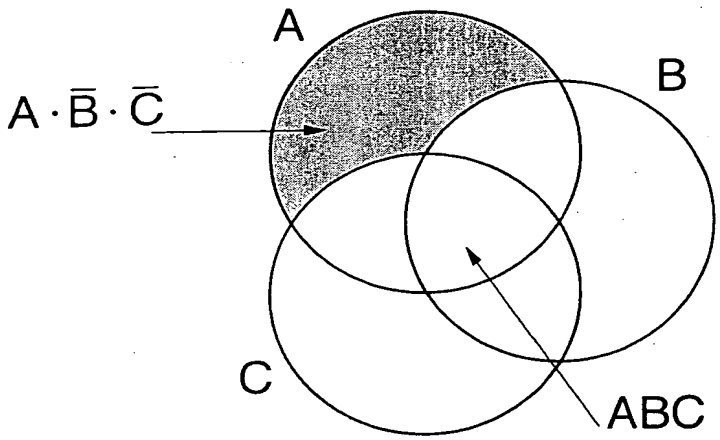



Fig 3.